

Abstract

Hardware monitoring process having On Screen Display capability

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Sub B1 } Process and apparatus for communication between an Information Handling System (IHS) and a display (21) having On Screen Display (OSD) capability. The IHS system includes a processor (11) under control of an operating system, a graphics system (22) and an electronic circuit (12) which operates independently on the processor (11) and the graphics system (22). The display receives a graphics channel (20) with the graphics signals. An addition service channel is used for the interaction between the host and the display, and also for allowing the independent electronic circuit to have a direct access to the On Screen Display capability of the display;

The service channel may be advantageously a DDC/CI communication link, and the electronic circuit may be a hardware monitoring circuit which is operational even before the booting process of the processor. No additional Liquid Crystal Display is thus required.

Fig. 1.